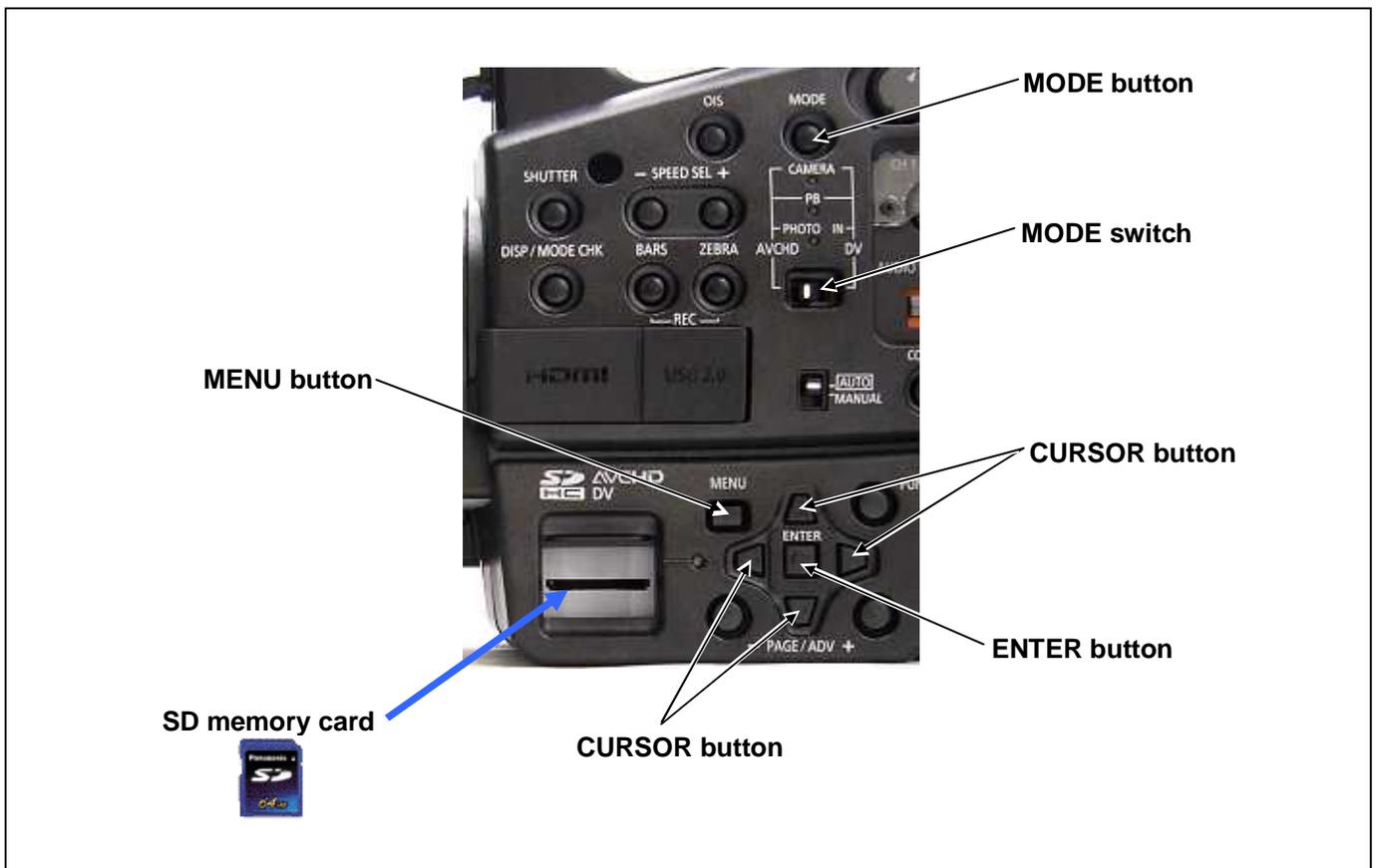
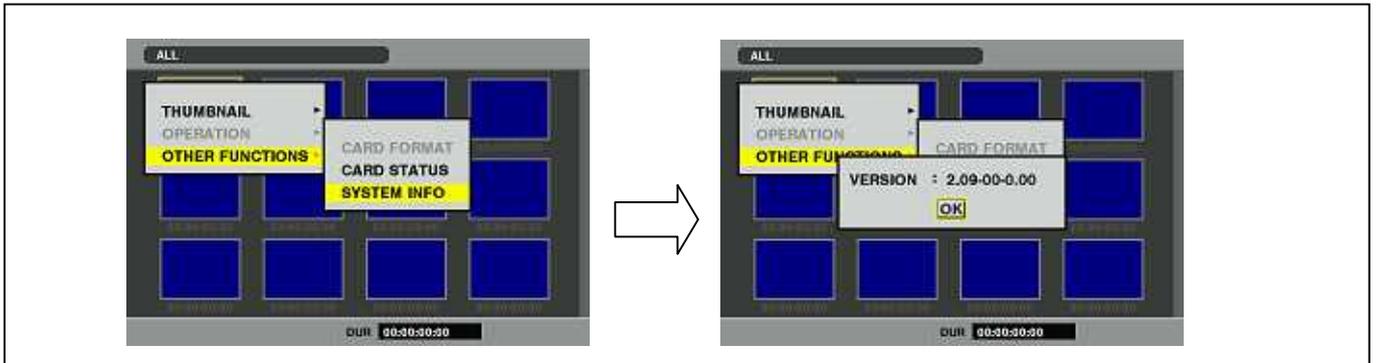


# AG-HMC80 Firmware update procedure

## 1. Software Version Display

1. Set the **MODE** switch to “DV” side and turn the power on. Press the **MODE** button to select the “PB” mode. (Set the camera recorder to **DV-PB** mode).
2. Press the **MENU** button to display the menu. Use the **CURSOR** buttons to select the “OTHER FUNCTIONS” and press the **ENTER** button to open the OTHER FUNCTIONS menu.
3. Select the item “SYSTEM INFO” on the menu and pressing the **ENTER** button, the version number is displayed as follows.



## 2. Preparation

1. SD memory card (more than 64MB memory card) is required. Use only SD memory cards that comply with the SD or SDHC specifications.
2. Insert an SD memory card into the card slot of this unit and format it.

**NOTE:** SD memory card used in this unit requires to be conformed to SD™ standards. Be sure to format SD memory card on this unit.

### < Copy and how to get the Image data for update >

1. Download Image Data “**VSI\*\*\*\*\*.zip**” for the update from “**Support Desk**” web site.
2. Copy the file “**VSI\*\*\*\*\*.zip**” to hard disk of your PC and extract the file.
3. Insert a formatted SD memory card into the card slot of PC.
4. Copy the folder “**PRIVATE**” to SD memory card. The downloaded image data (upgrade file: **VSI\*\*\*\*\*.img**) is included in folder “**PRIVATE**”.

**NOTE:** Do not change the construction of folder and file name. The folder construction shown in the following and top of directory should be “**PRIVATE**”.

**Folder:** PRIVATE \ MEIGROUP \ PAVCN \ SBG \ P2SD \ FW \

**File Name:** VSI\*\*\*\*\*.img

### < External Power >

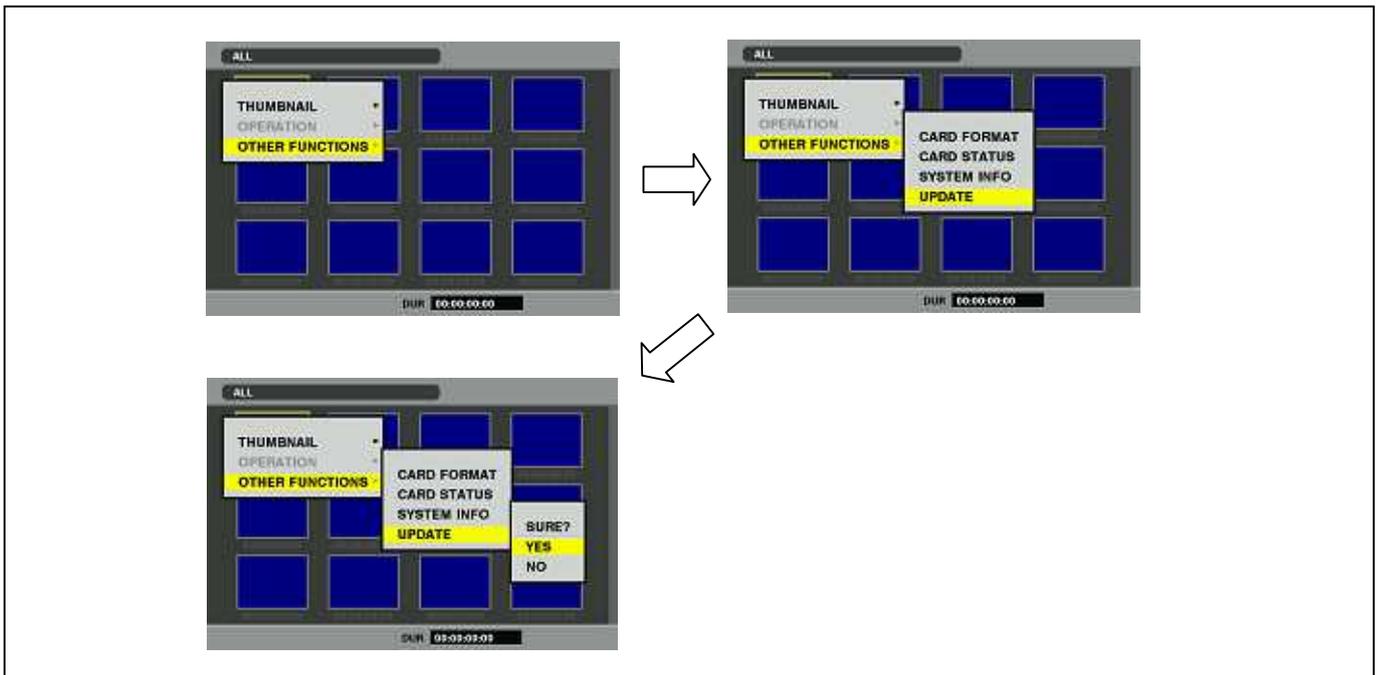
It is best to power the unit from the external power supply. This will prevent the unit from shutting off during updating.

### 3. Updated procedure

#### CAUTION: Before Updating Software

- **Do not power down or pull card while upgrading.** If the program quits during loading, the data will be erased or part writing condition and the restart is not made. However software can not be update, please consult service department of Professional AV Business unit.

1. Set the **MODE** switch to “**DV**” side and turn the power on. Press the **MODE** button to select the “**PB**” mode. (Set the camera recorder to **DV-PB** mode).
2. Insert a formatted SD memory card into the SD card slot of this unit and close the Card door of this unit.
3. Press the **MENU** button to display the menu. Use the **CURSOR** buttons to select the item “**OTHER FUNCTIONS**” and press **ENTER** button to open the OTHER FUNCTIONS menu.
4. Select the item “**UPDATE**” on the menu and press the **ENTER** button (If the update SD memory card does not insert into the unit, item “**UPDATE**” does not appeared.). The confirmation menu of the execution is displayed. If update is executed, select the item “**YES**” and press **ENTER** button.



5. Update program is started and the message “**PREPARING FOR UPDATE**” appears on screen. In this timing, it is doing preparation such as the confirmation of the data of the updating. In this time, Access Lamp of SD CARD slot is turned on.

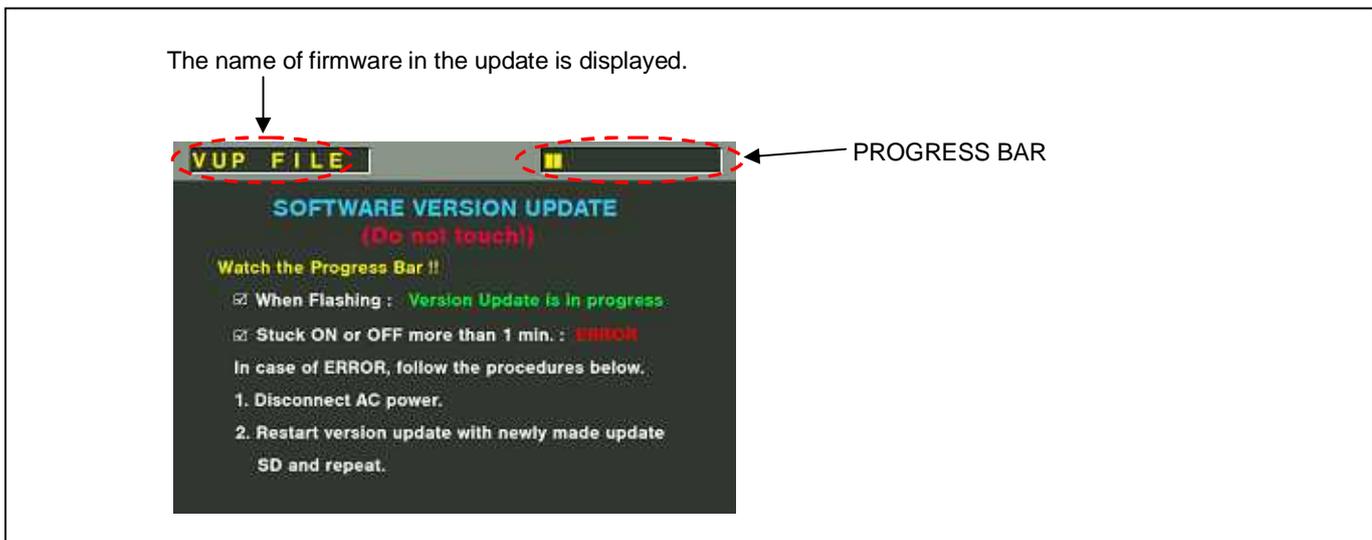
**NOTE: To shift to the screen in step 5, it might be necessary for about twenty seconds.**



**NOTE: The following screen is displayed when there is data of the SD memory card in the same version. Please remove the SD memory card and turn the power to OFF (In case of lower version, writing is possible.).**

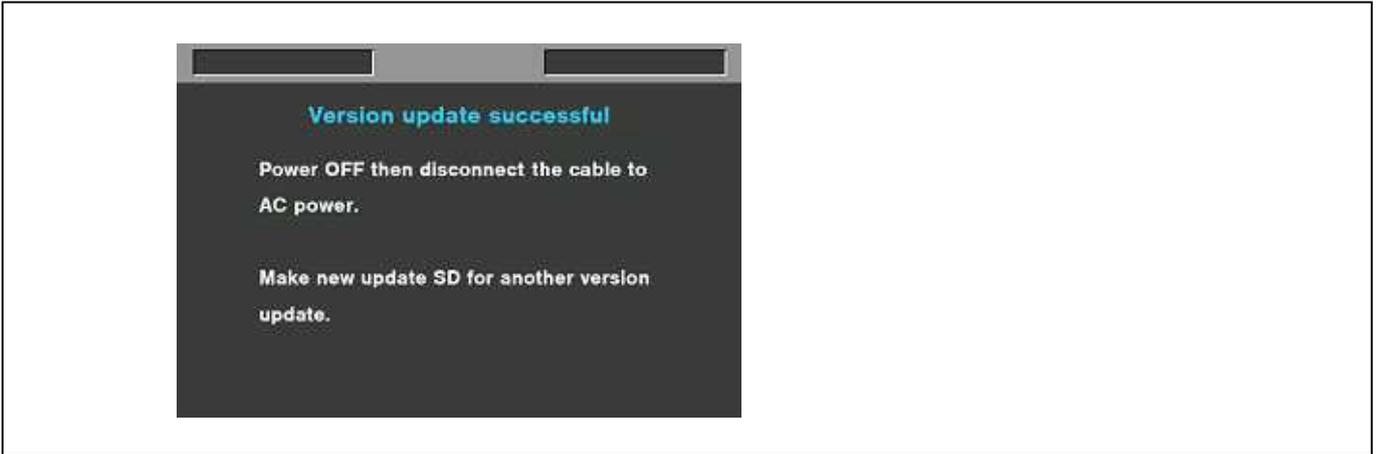


6. When shifting to the update process of the flash microcomputer, following screen is displayed. In this time, progress bar on the screen operates to indicate version update is in progress.

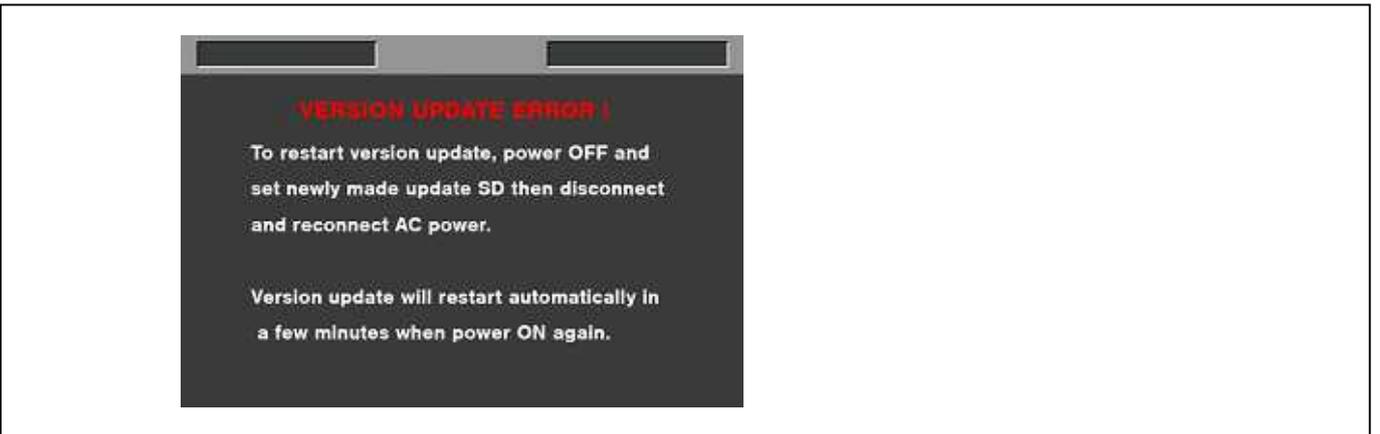


◆ Software update takes approx. 10 min.

In updating succeed, following screen is displayed.



**NOTE:** If the update is not successful, an error message will appear as follows.



- ◆ When the power supply is shut off on the way of updating, or when updating does not start, or when the some error occurs, turn the power OFF and ON. Then perform writing again (Power OFF/ON by the power SW of camera recorder does not work after error occurs. Please shut OFF the external power supply.).
7. Remove the SD memory card and turn the power to OFF. Then turn the power to ON to restart it. The power OFF and ON of this unit is required for updating data renewal.

#### 4. Confirm update

Please check the firmware version according to the item "1. Software Version".